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## ABSTRACT OF THE DISCLOSURE

[0088]A system comprises a site data appliance (SDA) having a Universal Data Appliance Protocol (UDAP) adapter coupled with one or more data source equipments (DSE). The SDA is connected to a supply chain network. The SDA collects specification information from the one or more DSE. The specification information comprises event information. A server is coupled with the SDA and is connected with the supply chain network. In response to the server requesting for the specification information, the SDA sends to the server the specification information from the one or more DSE in a Description Document. A data center (DC) is coupled with the server and is connected with the supply chain network. The DC receives the Description Document from the server and maps the event information in the specification information with event handlers. A map of the event information with the event handlers and the event handlers are sent from the DC to the server. When an event is generated by the one or more DSE, the map is used to select an appropriate event handler to execute.

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